

**WEST**

Help

Logout

Interrupt

Main Menu

Search Form

Posting Counts

Show S Numbers

Edit S Numbers

Preferences

Cases

**Search Results -**

Terms	Documents
(referanc\$4 and storage and object and environment and structure and ((first with storage) and (second with storage)))	2

Database:

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

(6101513, 6640244, 6571294).pn.

Refine Search

Recall Text

Clear

**Search History**DATE: Friday, November 14, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

**Hit Count Set Name**

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE;  
 PLUR=YES; OP=OR

L7 (referanc\$4 and storage and object and environment and structure and  
 ((first with storage) and (second with storage))) 2 L7

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L6 L1 and copy\$4 1 L6

L5 L1 and mirro\$5 0 L5

L4 L1 and environment 1 L4

L3 L1 and map\$4 1 L3

L2 L1 and locat\$5 1 L2

L1 5991542.pn. 1 L1

END OF SEARCH HISTORY

Set Name Query

side by side

Hit Count Set Name

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L6</u>	<u>L5</u> and physical-adj9 location --	42	<u>L6</u>
<u>L5</u>	<u>L4</u> and mirror\$3	55	<u>L5</u>
<u>L4</u>	<u>L3</u> and meta adj3 data	154	<u>L4</u>
<u>L3</u>	<u>L2</u> and hierarchic\$3	2045	<u>L3</u>
<u>L2</u>	<u>L1</u> and "data structure"	5320	<u>L2</u>
<u>L1</u>	(partition or pars\$3 or divid\$4) with (nod\$3 or join\$3 or tuple\$2 or object)	87061	<u>L1</u>

END OF SEARCH HISTORY

US-PAT-NO: 5867495  
DOCUMENT-IDENTIFIER: US 5867495 A

TITLE: System, method and article of manufacture for communications utilizing  
calling, plans in a hybrid network

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Elliott; Isaac K.	Colorado Springs	CO		
Krishnaswamy; Sridhar	Cedar Rapids	IA		

US-CL-CURRENT: 370/352; 370/389, 370/392, 379/11, 379/115.01, 379/90.01, 379/93.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 42. Document ID: US 5867494 A

L6: Entry 42 of 42

File: USPT

Feb 2, 1999

US-PAT-NO: 5867494  
DOCUMENT-IDENTIFIER: US 5867494 A

TITLE: System, method and article of manufacture with integrated video conferencing  
billing in a communication system architecture

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krishnaswamy; Sridhar	Cedar Rapids	IA		
Elliott; Isaac K.	Colorado Springs	CO		
Reynolds; Tim E.	Iowa City	IA		
Forgy; Glen A.	Iowa City	IA		
Solbrig; Erin M.	Cedar Rapids	IA		

US-CL-CURRENT: 370/352; 370/389, 370/392, 379/114.15, 379/90.01, 379/93.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

Generate Collection

Print

Term	Documents
PHYSICAL	789729
PHYSICALS	— 408
LOCATION	1144205
LOCATIONS	572942
(5 AND (PHYSICAL ADJ9 LOCATION)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	42
(L5 AND PHYSICAL ADJ9 LOCATION).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	42

Display Format:

[Previous Page](#)

[Next Page](#)

WEST

Print

☐ 1. Document ID: US 20030191608 A1

Oct 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030191608  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030191608 A1

TITLE: Data processing and observation system

PUBLICATION-DATE: October 9, 2003

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, Mark Stephen	Edinburgh		AU	
Engelhardt, Dean Crawford	Edinburgh		AU	
Marriott, Damian Andrew	Edinburgh		AU	
Randhawa, Suneel Singh	Edinburgh		AU	

US-CL-CURRENT: 702/189[illegible]

☐ 2. Document ID: US 20030058277 A1

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030058277  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030058277 A1

TITLE: A VIEW CONFIGURER IN A PRESENTATION SERVICES PATTERNS ENVIROMENT

PUBLICATION-DATE: March 27, 2003

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
BOWMAN-AMUAH, MICHEL K.	COLORADO SPRINGS	CO	US	

US-CL-CURRENT: 345/765

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

☐ 3. Document ID: US 20030041141 A1

L6: Entry 3 of 42

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030041141  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030041141 A1

TITLE: Peer-to-peer presence detection

PUBLICATION-DATE: February 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abdelaziz, Mohamed M.	Santa Clara	CA	US	
Pouyoul, Eric	San Francisco	CA	US	
Hugly, Jean-Christophe	Palo Alto	CA	US	
Traversat, Bernard A.	San Francisco	CA	US	
Duigou, Michael J.	Fremont	CA	US	

US-CL-CURRENT: 709/223

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 4. Document ID: US 20020150086 A1

L6: Entry 4 of 42

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150086  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020150086 A1

TITLE: Method and apparatus for locating a communication device using local area network switch information

PUBLICATION-DATE: October 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bailey, William B.	Phoenix	AZ	US	
Swanson, Edward W.	Phoenix	AZ	US	
Bishop, Fred	Phoenix	AZ	US	

US-CL-CURRENT: 370/352

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 5. Document ID: US 20020064149 A1

L6: Entry 5 of 42

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020064149

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020064149 A1

TITLE: System and method for providing requested quality of service in a hybrid network

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Elliott, Isaac K.	Colorado Springs	CO	US	
Reynolds, Tim E.	Iowa City	IA	US	
Krishnaswamy, Sridhar	Cedar Rapid	IA	US	

US-CL-CURRENT: 370/352; 370/400

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWMC

☐ 6. Document ID: US 6640249 B1

L6: Entry 6 of 42

File: USPT

Oct 28, 2003

US-PAT-NO: 6640249  
DOCUMENT-IDENTIFIER: US 6640249 B1

TITLE: Presentation services patterns in a netcentric environment

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/228; 709/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWMC

☒ 7. Document ID: US 6640244 B1

L6: Entry 7 of 42

File: USPT

Oct 28, 2003

US-PAT-NO: 6640244  
DOCUMENT-IDENTIFIER: US 6640244 B1

TITLE: Request batcher in a transaction services patterns environment

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/207; 707/10, 709/101, 709/313

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 8. Document ID: US 6640238 B1

L6: Entry 8 of 42

File: USPT

Oct 28, 2003

US-PAT-NO: 6640238

DOCUMENT-IDENTIFIER: US 6640238 B1

TITLE: Activity component in a presentation services patterns environment

DATE-ISSUED: October 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah, Michael K.	Colorado Springs	CO		

US-CL-CURRENT: 709/201; 709/203, 709/223, 709/224

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 9. Document ID: US 6636242 B2

L6: Entry 9 of 42

File: USPT

Oct 21, 2003

US-PAT-NO: 6636242

DOCUMENT-IDENTIFIER: US 6636242 B2

TITLE: View configurer in a presentation services patterns environment

DATE-ISSUED: October 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah, Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 345/764; 345/733, 345/744, 345/762, 345/765

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 10. Document ID: US 6633878 B1

L6: Entry 10 of 42

File: USPT

Oct 14, 2003

US-PAT-NO: 6633878

DOCUMENT-IDENTIFIER: US 6633878 B1

TITLE: Initializing an ecommerce database framework



## INVENTOR - INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 707/100; 707/1, 707/102, 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMVC
Draw	Desc	Image								

☐ 11. Document ID: US 6615253 B1

L6: Entry 11 of 42

File: USPT

Sep 2, 2003

US-PAT-NO: 6615253

DOCUMENT-IDENTIFIER: US 6615253 B1

TITLE: Efficient server side data retrieval for execution of client side applications

DATE-ISSUED: September 2, 2003

## INVENTOR - INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/219; 707/100, 711/118

[illegible]

☐ 12. Document ID: US 6615199 B1

L6: Entry 12 of 42

File: USPT

Sep 2, 2003

US-PAT-NO: 6615199

DOCUMENT-IDENTIFIER: US 6615199 B1

TITLE: Abstraction factory in a base services pattern environment

DATE-ISSUED: September 2, 2003

## INVENTOR - INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 706/50

[illegible]

☐ 13. Document ID: US 6609128 B1

L6: Entry 13 of 42

File: USPT

Aug 19, 2003

US-PAT-NO: 6609128

DOCUMENT-IDENTIFIER: US 6609128 B1

TITLE: Codes table framework design in an E-commerce architecture

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 707/10; 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	K00C
Draw Desc	Image									

☐ 14. Document ID: US 6606660 B1

L6: Entry 14 of 42

File: USPT

Aug 12, 2003

US-PAT-NO: 6606660

DOCUMENT-IDENTIFIER: US 6606660 B1

TITLE: Stream-based communication in a communication services patterns environment

DATE-ISSUED: August 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/227

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	K00C
Draw Desc	Image									

☐ 15. Document ID: US 6601234 B1

L6: Entry 15 of 42

File: USPT

Jul 29, 2003

US-PAT-NO: 6601234

DOCUMENT-IDENTIFIER: US 6601234 B1

TITLE: Attribute dictionary in a business logic services environment

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 717/108; 705/7, 717/107, 717/116

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 16. Document ID: US 6601233 B1

L6: Entry 16 of 42

File: USPT

Jul 29, 2003

US-PAT-NO: 6601233

DOCUMENT-IDENTIFIER: US 6601233 B1

TITLE: Business components framework

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 717/102; 717/100, 717/101, 717/103, 717/104, 717/106, 717/107

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 17. Document ID: US 6601192 B1

L6: Entry 17 of 42

File: USPT

Jul 29, 2003

US-PAT-NO: 6601192

DOCUMENT-IDENTIFIER: US 6601192 B1

TITLE: Assertion component in environment services patterns

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/38

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 18. Document ID: US 6578068 B1

L6: Entry 18 of 42

File: USPT

Jun 10, 2003

US-PAT-NO: 6578068

DOCUMENT-IDENTIFIER: US 6578068 B1

TITLE: Load balancer in environment services patterns

DATE-ISSUED: June 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/203; 709/105, 709/226

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 19. Document ID: US 6571282 B1

L6: Entry 19 of 42

File: USPT

May 27, 2003

US-PAT-NO: 6571282

DOCUMENT-IDENTIFIER: US 6571282 B1

TITLE: Block-based communication in a communication services patterns environment

DATE-ISSUED: May 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/219; 707/10, 709/203, 709/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 20. Document ID: US 6550057 B1

L6: Entry 20 of 42

File: USPT

Apr 15, 2003

US-PAT-NO: 6550057

DOCUMENT-IDENTIFIER: US 6550057 B1

TITLE: Piecemeal retrieval in an information services patterns environment

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 717/126; 700/80, 707/5, 717/101, 717/102, 717/108, 717/109, 717/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 21. Document ID: US 6549949 B1

L6: Entry 21 of 42

File: USPT

Apr 15, 2003

US-PAT-NO: 6549949

DOCUMENT-IDENTIFIER: US 6549949 B1

TITLE: Fixed format stream in a communication services patterns environment

DATE-ISSUED: April 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/236; 709/246

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 22. Document ID: US 6539396 B1

L6: Entry 22 of 42

File: USPT

Mar 25, 2003

US-PAT-NO: 6539396

DOCUMENT-IDENTIFIER: US 6539396 B1

TITLE: Multi-object identifier system and method for information service pattern environment

DATE-ISSUED: March 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 707/103R; 707/101, 707/102, 707/103X, 707/202, 707/203, 711/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 23. Document ID: US 6529948 B1

L6: Entry 23 of 42

File: USPT

Mar 4, 2003

US-PAT-NO: 6529948

DOCUMENT-IDENTIFIER: US 6529948 B1

TITLE: Multi-object fetch component

DATE-ISSUED: March 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/217; 709/219

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 24. Document ID: US 6529909 B1

L6: Entry 24 of 42

File: USPT

Mar 4, 2003

US-PAT-NO: 6529909

DOCUMENT-IDENTIFIER: US 6529909 B1

TITLE: Method for translating an object attribute converter in an information services patterns environment

DATE-ISSUED: March 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 707/10; 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 25. Document ID: US 6523027 B1

L6: Entry 25 of 42

File: USPT

Feb 18, 2003

US-PAT-NO: 6523027

DOCUMENT-IDENTIFIER: US 6523027 B1

TITLE: Interfacing servers in a Java based e-commerce architecture

DATE-ISSUED: February 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 707/4; 707/10, 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 26. Document ID: US 6516337 B1

L6: Entry 26 of 42

File: USPT

Feb 4, 2003

US-PAT-NO: 6516337  
DOCUMENT-IDENTIFIER: US 6516337 B1

TITLE: Sending to a central indexing site meta data or signatures from objects on a computer network

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tripp; Gary W.	Bainbridge Island	WA		
Meadway; Michael D.	Snohomish	WA		
Duguay; Claude E.	Seattle	WA		

US-CL-CURRENT: 709/202; 707/104.1, 709/217, 709/223

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

---

☐ 27. Document ID: US 6502213 B1

L6: Entry 27 of 42

File: USPT

Dec 31, 2002

US-PAT-NO: 6502213  
DOCUMENT-IDENTIFIER: US 6502213 B1  
**\*\* See image for Certificate of Correction \*\***

TITLE: System, method, and article of manufacture for a polymorphic exception handler in environment services patterns

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/49; 710/266, 710/268, 710/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

---

☐ 28. Document ID: US 6496850 B1

L6: Entry 28 of 42

File: USPT

Dec 17, 2002

US-PAT-NO: 6496850  
DOCUMENT-IDENTIFIER: US 6496850 B1

TITLE: Clean-up of orphaned server contexts

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/203; 707/102, 709/224, 709/228

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 29. Document ID: US 6477665 B1

L6: Entry 29 of 42

File: USPT

Nov 5, 2002

US-PAT-NO: 6477665

DOCUMENT-IDENTIFIER: US 6477665 B1

TITLE: System, method, and article of manufacture for environment services patterns in a netcentric environment

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/39; 712/244

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 30. Document ID: US 6477580 B1

L6: Entry 30 of 42

File: USPT

Nov 5, 2002

US-PAT-NO: 6477580

DOCUMENT-IDENTIFIER: US 6477580 B1

TITLE: Self-described stream in a communication services patterns environment

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/231; 709/236

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 31. Document ID: US 6442748 B1

L6: Entry 31 of 42

File: USPT

Aug 27, 2002



US-PAT-NO: 6442748  
DOCUMENT-IDENTIFIER: US 6442748 B1

TITLE: System, method and article of manufacture for a persistent state and persistent object separator in an information services patterns environment

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 717/108; 707/103R, 707/104.1, 707/9, 709/316

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

---

☐ 32. Document ID: US 6438594 B1

L6: Entry 32 of 42

File: USPT

Aug 20, 2002

US-PAT-NO: 6438594  
DOCUMENT-IDENTIFIER: US 6438594 B1

TITLE: Delivering service to a client via a locally addressable interface

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/225; 709/203, 709/217, 709/250

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

---

☐ 33. Document ID: US 6434628 B1

L6: Entry 33 of 42

File: USPT

Aug 13, 2002

US-PAT-NO: 6434628  
DOCUMENT-IDENTIFIER: US 6434628 B1

TITLE: Common interface for handling exception interface name with additional prefix and suffix for handling exceptions in environment services patterns

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/48; 714/1, 714/15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 34. Document ID: US 6434568 B1

L6: Entry 34 of 42

File: USPT

Aug 13, 2002

US-PAT-NO: 6434568

DOCUMENT-IDENTIFIER: US 6434568 B1

TITLE: Information services patterns in a netcentric environment

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 707/103R; 707/10, 709/203

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 35. Document ID: US 6339832 B1

L6: Entry 35 of 42

File: USPT

Jan 15, 2002

US-PAT-NO: 6339832

DOCUMENT-IDENTIFIER: US 6339832 B1

TITLE: Exception response table in environment services patterns

DATE-ISSUED: January 15, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/35; 710/266, 710/48, 714/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 36. Document ID: US 6335927 B1

L6: Entry 36 of 42

File: USPT

Jan 1, 2002

US-PAT-NO: 6335927

DOCUMENT-IDENTIFIER: US 6335927 B1

TITLE: System and method for providing requested quality of service in a hybrid

network

DATE-ISSUED: January 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Elliott; Isaac K.	Colorado Springs	CO		
Reynolds; Tim E.	Iowa City	IA		
Krishnaswamy; Sridhar	Cedar Rapid	IA		

US-CL-CURRENT: 370/352

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWOC
Draw Desc	Image									

☐ 37. Document ID: US 6332163 B1

L6: Entry 37 of 42

File: USPT

Dec 18, 2001

US-PAT-NO: 6332163

DOCUMENT-IDENTIFIER: US 6332163 B1

TITLE: Method for providing communication services over a computer network system

DATE-ISSUED: December 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/231; 709/217, 709/223, 709/227, 709/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWOC
Draw Desc	Image									

☐ 38. Document ID: US 6289382 B1

L6: Entry 38 of 42

File: USPT

Sep 11, 2001

US-PAT-NO: 6289382

DOCUMENT-IDENTIFIER: US 6289382 B1

TITLE: System, method and article of manufacture for a globally addressable interface in a communication services patterns environment

DATE-ISSUED: September 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/226

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 39. Document ID: US 6275898 B1

L6: Entry 39 of 42

File: USPT

Aug 14, 2001

US-PAT-NO: 6275898

DOCUMENT-IDENTIFIER: US 6275898 B1

TITLE: Methods and structure for RAID level migration within a logical unit

DATE-ISSUED: August 14, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeKoning; Rodney A.	August	KS		

US-CL-CURRENT: 711/114

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 40. Document ID: US 5999525 A

L6: Entry 40 of 42

File: USPT

Dec 7, 1999

US-PAT-NO: 5999525

DOCUMENT-IDENTIFIER: US 5999525 A

TITLE: Method for video telephony over a hybrid network

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krishnaswamy; Sridhar	Cedar Rapids	IA		
Elliott; Isaac K.	Colorado Springs	CO		
Reynolds; Tim E.	Iowa City	IA		
Forgy; Glen A.	Iowa City	IA		
Solbrig; Erin M.	Cedar Rapids	IA		

US-CL-CURRENT: 370/352; 370/389, 370/392, 379/114.15, 379/90.01, 379/93.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 41. Document ID: US 5867495 A

L6: Entry 41 of 42

File: USPT

Feb 2, 1999